

WE CLAIM:

1. A method of ameliorating erectile dysfunction in a psychogenic male patient which comprises administering to said patient apomorphine or a pharmaceutically acceptable acid addition salt thereof intranasally and in an amount sufficient to induce an erection adequate for vaginal penetration but less than the amount that induces substantial nausea.

2. The method in accordance with claim 1 wherein the amount of apomorphine administered is in the range of about 1 milligram to about 3.75 milligrams.

3. The method in accordance with claim 1 wherein apomorphine is administered as a nasal spray containing hydrochloride salt of apomorphine.

4. The method in accordance with claim 1 wherein the apomorphine is administered together with an anti-emetic agent.

5. A method for diagnosing a male human patient suffering from erectile dysfunction which method comprises the steps of

administering intranasally to the patient at least about 1 milligram of apomorphine; and thereafter, in response to a visual erotic stimulus,

determining the patient's maximum increase in penile circumference;

determining the patient's maximum penile rigidity; and

comprising the determined maximum increase and maximum rigidity values against a predetermined base value for erectile dysfunction.

6. The diagnostic method in accordance with claim 5 wherein said maximum increase in penile circumference is determined by measuring penile tip circumference and penile basal circumference, and

wherein said maximum rigidity is determined by measuring penile tip rigidity and penile basal rigidity.

7.<sup>5</sup> A method of stimulating dopamine receptors in the mid-brain region of a patient to cause an erection which comprises administering to the patient apomorphine in an intranasal dose containing about 1 to about 3.75 milligrams of apomorphine.

8.<sup>4</sup> The method in accordance with claim 7<sup>5</sup> wherein the intranasal dose contains about 1.25 to about 2.5 milligrams of apomorphine.

9.<sup>7</sup> The method in accordance with claim 7<sup>5</sup> wherein the apomorphine is administered together with an anti-emetic agent.

10.<sup>8</sup> The method in accordance with claim 9<sup>7</sup> wherein the anti-emetic agent is domperidone.

10044583-1022301